

COMBINED DECLARATION FOR PATENT APPLICATION
AND POWER OF ATTORNEY

Page 1 of 2
PD-200066

- ☒ Original
☐ Continuation
☐ Division
☐ Continuation-
in-part
☐ Supplemental

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **RESOURCE ALLOCATION METHOD FOR MULTI-PLATFORM COMMUNICATION SYSTEM**

the specification of which

(check one) ☒ is attached hereto.

☐ was filed on _____ as Application Serial No. _____ and (a) [other than supplemental] was amended on or (b) [supplemental] with amendments through _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

			Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	
Number	Country	Day/Month/Year Filed	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

			Status
			(patented, pending, abandoned)
_____	_____	_____	
Application Serial No.	Filing Date		

BEST AVAILABLE COPY

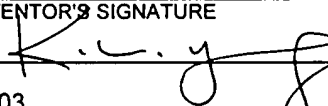
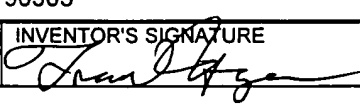
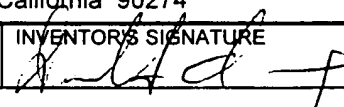
I hereby appoint the following attorneys, or agent and attorneys, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Bradley K. Lortz,	Registration No. 45,472,
Vijayalakshmi D. Duraiswamy,	Registration No. 31,505,
Michael W. Sales,	Registration No. 30,213.

Address all telephone calls to , Michael W. Sales, (310) 66209916

Address all correspondence to **Customer Number 020991 (Hughes Electronics Corporation, Patent Docket Administration, Bldg. 001, M/S A109, PO Box 956, El Segundo, California 90245-0956).**

I hereby declare that all statement made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR JOINT INVENTOR KAR W. YUNG	INVENTOR'S SIGNATURE 	DATE 6/2/2000
RESIDENCE (CITY AND STATE) 4738 Narrot Street, Torrance, California 90503		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS 4378 Narrot Street, Torrance, California 90503		
FULL NAME OF SOLE OR JOINT INVENTOR FRANK A. HAGEN	INVENTOR'S SIGNATURE 	DATE 5/31/00
RESIDENCE (CITY AND STATE) 2309 Via Rivera, Palos Verdes Estates, California 90274		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS 2309 Via Rivera, Palos Verdes Estates, California 90274		
FULL NAME OF SOLE OR JOINT INVENTOR DONALD C. D. CHANG	INVENTOR'S SIGNATURE 	DATE 6/6/00
RESIDENCE (CITY AND STATE) 2350 Moberly Court, Thousand Oaks, California 91360		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS 2350 Moberly Court, Thousand Oaks, California 91360		
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		CITIZENSHIP
POST OFFICE ADDRESS		
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		CITIZENSHIP
POST OFFICE ADDRESS		

RECORDATION FORM COVER SHEET
PATENTS ONLY

PD-200066

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): KAR YUNG, FRANK A. HAGEN, DONALD C. D. CHANG Additional Name(s) of conveying party(ies) attached? yes <input type="checkbox"/> no <input checked="" type="checkbox"/>	2. Name and address of receiving party(ies): Name: HUGHES ELECTRONICS CORPORATION Internal Address: Bldg. 001, M/S A109 PO Box 956 200 N. Sepulveda Blvd. El Segundo, CA 90245-0956
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: <u>June</u> , 2000	Street Address: 200 N. Sepulveda Blvd. P.O. Box 956 El Segundo, California 90245 Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
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4. Application number(s) or patent number(s): PD-200066

If this document is being filed together with a new application, the execution date of the application is: June, 2000


A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	

5. Name and address of party to whom correspondence concerning document should be mailed: Name: HUGHES ELECTRONICS CORPORATION Internal Address: Bldg. 001, M/S A109 PO Box 956 200 N. Sepulveda Blvd. El Segundo, CA 90245-0956 PLEASE ASSOCIATE THIS APPLICATION WITH CUSTOMER NO. 020991.	6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41): <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>50-0383</u> (Attached duplicate copy of this page if paying by deposit account)
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

<u>MICHAEL W. SALES</u> Name of Person Signing	 Signature	<u>June 6, 2000</u> Date
---------------------------------------------------	---------------------------------------------------------------------------------------------------	-----------------------------

Total number of pages comprising cover sheet: []

ASSIGNMENT

Page 1 of 2
PD-200066

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a(an) **RESOURCE ALLOCATION METHOD FOR MULTI-PLATFORM COMMUNICATION SYSTEM** for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) filed on _____ as Serial No. _____; and

WHEREAS, **HUGHES ELECTRONICS CORPORATION**, (hereinafter referred to as **HUGHES**), a Delaware Corporation, having its principal place of business in El Segundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to HUGHES, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in- part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said HUGHES, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to HUGHES, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by HUGHES, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of HUGHES, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in HUGHES, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR KAR W. YUNG	INVENTOR'S SIGNATURE <i>K. W. Yung</i>	DATE 6/2/2000
RESIDENCE (CITY AND STATE) 4738 Narrot Street, Torrance, California 90503		INVENTION AGREEMENT DATE December 3, 1979
FULL NAME OF SOLE OR JOINT INVENTOR FRANK A. HAGEN	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) 2309 Via Rivera, Palos Verdes Estates, California 90274		INVENTION AGREEMENT DATE March 1, 1978
FULL NAME OF SOLE OR JOINT INVENTOR DONALD C. D. CHANG	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) 2350 Moberly Court, Thousand Oaks, California 91360		INVENTION AGREEMENT DATE September 11, 1978
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES)

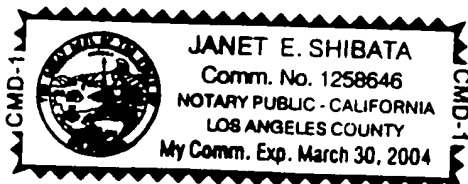
SS:

On JUNE 2, 2000 before me, JANET E. SHIBATA

a Notary Public in and for said State, personally appeared
KAR W. YUNG

o personally known to me or ~~X~~ proved to me on the basis of satisfactory evidence to be the person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity(~~ies~~), and that by his/~~her~~/~~their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.



Janet E. Shibata

Notary Public

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR KAR W. YUNG	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) 4738 Narrot Street, Torrance, California 90503		INVENTION AGREEMENT DATE December 3, 1979
FULL NAME OF SOLE OR JOINT INVENTOR FRANK A. HAGEN	INVENTOR'S SIGNATURE <i>Frank A. Hagen</i>	DATE 5/31/00
RESIDENCE (CITY AND STATE) 2309 Via Rivera, Palos Verdes Estates, California 90274		INVENTION AGREEMENT DATE March 1, 1978
FULL NAME OF SOLE OR JOINT INVENTOR DONALD C. D. CHANG	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) 2350 Moberly Court, Thousand Oaks, California 91360		INVENTION AGREEMENT DATE September 11, 1978
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES)

SS:

On MAY 31, 2000 before me, JANET E. SHIBATA

a Notary Public in and for said State, personally appeared
FRANK A. HAGEN

o personally known to me or ~~X~~ proved to me on the basis of satisfactory evidence to be the person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity(~~ies~~), and that by his/~~her~~/~~their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.



Janet E. Shibata

Notary Public

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
KAR W. YUNG		
RESIDENCE (CITY AND STATE)	INVENTION AGREEMENT DATE	
4738 Narrot Street, Torrance, California 90503	December 3, 1979	
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
FRANK A. HAGEN		
RESIDENCE (CITY AND STATE)	INVENTION AGREEMENT DATE	
2309 Via Rivera, Palos Verdes Estates, California 90274	March 1, 1978	
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
DONALD C. D. CHANG	<i>[Signature]</i>	6-6-2000
RESIDENCE (CITY AND STATE)	INVENTION AGREEMENT DATE	
2350 Moberly Court, Thousand Oaks, California 91360	September 11, 1978	
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)	INVENTION AGREEMENT DATE	
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)	INVENTION AGREEMENT DATE	

STATE OF California)

COUNTY OF Los Angeles) SS:

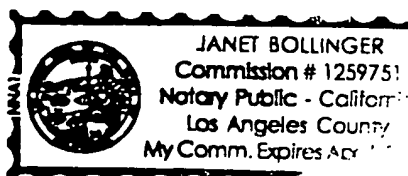
On June 6, 2000 before me, Janet Bollinger

a Notary Public in and for said State, personally appeared

Donald C. D. Chang

o personally known to me or o proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]
Notary Public



Received Patent Application PD-200066

For Inventor(s): KAR YUNG; FRANK A. HAGEN; DONALD C.D.CHANG

Title of Invention:

RESOURCE ALLOCATION METHOD FOR MULTI-PLATFORM COMMUNICATION

Including:

36 total of specification and one page abstract
21 total number of claims
06 total sheet(s) of formal ~~drawings~~ drawings(s)
01 Declaration(s)
01 Assignment(s)
01 Recordation Sheet
00 Information Disclosure Statement w/ 1449 form and
References

1c583 U.S. PRO
09/587960
06/06/00

Filing fee in the amount of \$708.00 charged to Deposit
Account No. 50-0383 of Hughes Electronics Corporation.

Express Mailing No. EF740979103US Mailing Date: June 6, 2000

Atty: MWS:vcc



MWS
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER *24066*
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 24, 2000

PTAS

HUGHES ELECTRONICS CORPORATION
MICHAEL W. SALES
BLDG. 001, M/S A109, PO BOX 956
200 N. SEPULVEDA BOULEVARD
EL SEGUNDO, CALIFORNIA 90245-0956



101398140A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/06/2000

REEL/FRAME: 010894/0325
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

YUNG, KAR

DOC DATE: 06/02/2000

ASSIGNOR:

HAGEN, FRANK A.

DOC DATE: 05/31/2000

ASSIGNOR:

CHANG, DONALD C.D.

DOC DATE: 06/06/2000

ASSIGNEE:

HUGHES ELECTRONICS CORPORATION
200 N. SEPULVEDA BOULEVARD
P.O. BOX 956
EL SEGUNDO, CALIFORNIA 90245

SERIAL NUMBER: 09587960

FILING DATE: 06/06/2000

PATENT NUMBER:

ISSUE DATE:

RECEIVED

SEP 14 2000

**PATENTS & LICENSING
CORPORATE OFFICE**

010894/0325 PAGE 2

SEDLEY PYNE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

07-10-2000

J.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office



101398140

PD-200066

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

KAR YUNG, FRANK A. HAGEN, DONALD C. D. CHANG

Additional Name(s) of conveying party(ies) attached?

yes ☐no ☒

2. Name and address of receiving party(ies):

Name: HUGHES ELECTRONICS CORPORATION

Internal Address: Bldg. 001, M/S A109
PO Box 956
200 N. Sepulveda Blvd.
El Segundo, CA 90245-0956Street Address: 200 N. Sepulveda Blvd.
P.O. Box 956
El Segundo, California 90245Additional name(s) & address(es) attached? ☐ yes ☒ no

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: June , 2000

4. Application number(s) or patent number(s): PD-200066

If this document is being filed together with a new application, the execution date of the application is: June , 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ yes ☒ no

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: HUGHES ELECTRONICS CORPORATION

Internal Address: Bldg. 001, M/S A109
PO Box 956
200 N. Sepulveda Blvd.
El Segundo, CA 90245-0956PLEASE ASSOCIATE THIS APPLICATION WITH
CUSTOMER NO. 020991.

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41): \$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0383

(Attached duplicate copy of this page if paying by deposit account)

07/07/2000 ASCOTT 00000004 500383 09587960

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01 FC:581 40.00 CH

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*MICHAEL W. SALES
Name of Person Signing

Signature

June 6 , 2000
Date

Total number of pages comprising cover sheet: []

ASSIGNMENT

Page 1 of 2
PD-200066

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a(an) **RESOURCE ALLOCATION METHOD FOR MULTI-PLATFORM COMMUNICATION SYSTEM** for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) filed on _____ as Serial No. _____; and

WHEREAS, **HUGHES ELECTRONICS CORPORATION**, (hereinafter referred to as **HUGHES**), a Delaware Corporation, having its principal place of business in El Segundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to HUGHES, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in- part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said HUGHES, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to HUGHES, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by HUGHES, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of HUGHES, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in HUGHES, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR KAR W. YUNG	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) 4738 Narrot Street, Torrance, California 90503		INVENTION AGREEMENT DATE December 3, 1979
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FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES)

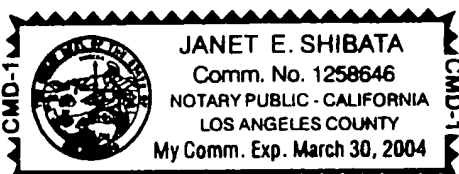
SS:

On MAY 31, 2000 before me, JANET E. SHIBATA,

a Notary Public in and for said State, personally appeared
FRANK A. HAGEN

o personally known to me or X proved to me on the basis of satisfactory evidence to be the person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.



Janet E. Shibata
Notary Public

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FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

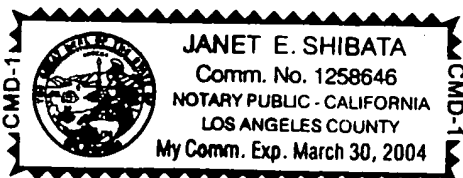
STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES)

SS:

On JUNE 2, 2000 before me, JANET E. SHIBATA,
a Notary Public in and for said State, personally appeared
KAR W. YUNG

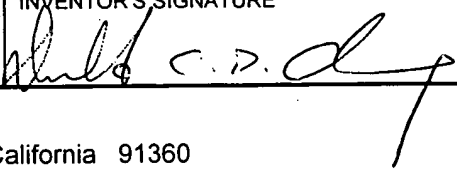
o personally known to me or ~~X~~ proved to me on the basis of satisfactory evidence to be the person(~~X~~) whose name(~~X~~) is/~~is~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(~~ies~~), and that by his/~~her~~/their signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.



Janet E. Shibata
Notary Public

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR KAR W. YUNG	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) 4738 Narrot Street, Torrance, California 90503		INVENTION AGREEMENT DATE December 3, 1979
FULL NAME OF SOLE OR JOINT INVENTOR FRANK A. HAGEN	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) 2309 Via Rivera, Palos Verdes Estates, California 90274		INVENTION AGREEMENT DATE March 1, 1978
FULL NAME OF SOLE OR JOINT INVENTOR DONALD C. D. CHANG	INVENTOR'S SIGNATURE 	DATE 6-6-2000
RESIDENCE (CITY AND STATE) 2350 Moberly Court, Thousand Oaks, California 91360		INVENTION AGREEMENT DATE September 11, 1978
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

STATE OF California)

COUNTY OF Los Angeles)

SS:

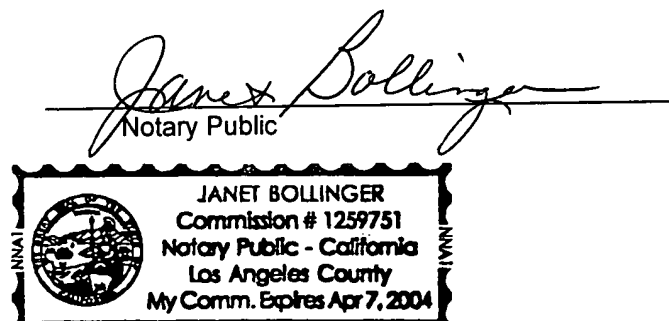
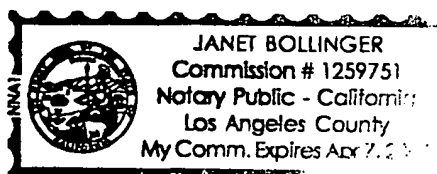
On June 6, 2000 before me, Janet Bollinger

a Notary Public in and for said State, personally appeared

Donald C. D. Chang

o personally known to me or o proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	:	Date: March 12, 2001
KAR W. YUNG ET. AL	:	
Serial No. 09/587,960	:	Group Art Unit: 2683
Filed: June 6, 2000	:	
For: RESOURCE ALLOCATION	:	Examiner: Tran, Congvan
METHOD FOR MULTI-	:	
PLATFORM	:	
COMMUNICATION SYSTEM	:	

TRANSMITTAL OF SUPPLEMENTAL CONTINUATION-IN-PART
COMBINED DECLARATION FOR PATENT APPLICATION AND
POWER OF ATTORNEY

Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

The above-identified patent application is a **continuation-in-part of assignee's co-pending U.S. Serial No. 09/271,997, entitled "Multiple Satellite Mobile Communications Method and Apparatus for Hand-Held Terminals," filed on March 18, 1999.** This is clearly stated on page 1 of the patent application.

The "Combined Declaration for Patent Application and Power of Attorney" filed earlier did not specifically claim benefit of Serial No. 09/271,997 under 35 USC §120. Therefore, a **"Supplemental Continuation-In-Part Combined Declaration for Patent Application and Power of Attorney"** signed by the inventors is enclosed herewith. This supplemental declaration is for a "Continuation-in-part application" and the inventors clearly claim the benefit of Serial No. 09/271,997 under 35 USC §120 and acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to the inventors to be material to the patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national filing date of this application.

The Office is requested to make this Supplemental Declaration of record. Applicant believes that no fee is required for the filing of this Supplemental Declaration. In the event, however, that a fee is required, the Office is hereby authorized to charge the necessary fee to Deposit Account No. 50-0383 of Hughes Electronics Corporation.

Respectfully submitted,
KAR W. YUNG ET. AL

By: Vijayalakshmi D. Duraiswamy
Vijayalakshmi D. Duraiswamy
Attorney for Applicant
Registration No. 31,505

Enc: (1) Supplemental Declaration for Continuation-in-part application

HUGHES ELECTRONICS CORPORATION
PATENT DOCKET ADMINISTRATION
Bldg. 001, M.S. A109,
P.O.Box 956, El Segundo, CA 90245-0956
Phone: 310-662-9919

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: the Commissioner of Patents, Washington, D.C. 20231, on

March 12, 2001
(Date of Deposit)

V. D. Duraiswamy
Name of applicant, assignee, or
Registered Representative
Reg. No. 31,505

V. D. Duraiswamy
Signature
March 12, 2001
Date of Signature

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

Page 1 of 2
PD-200066

- ☐ Original
☐ Continuation
☐ Division
☒ Continuation-in-part
☒ Supplemental

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **RESOURCE ALLOCATION METHOD FOR MULTI-PLATFORM COMMUNICATION SYSTEM** the specification of which

(check one) ☐ is attached hereto.

☒ was filed on June 6, 2000 as Application Serial No. 09/587,960 and which claims benefit of U.S. Patent application with Serial No. 09/271,997 ("Multiple Satellite Mobile Communications Method and Apparatus for Hand-Held Terminals") filed on March 18, 1999.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

			Priority Claimed
<u> </u>	<u> </u>	<u> </u>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	Day/Month/Year Filed	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

09/271,997
Application Serial No.

March 18, 1999
Filing Date

Pending
Status
(patented, pending, abandoned)

I hereby appoint the following attorneys, or agent and attorneys, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

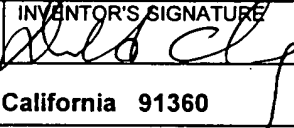
Vijayalakshmi D. Duraiswamy,
Michael W. Sales,

Registration No. 31,505,
Registration No. 30,213.

Address all telephone calls to, Vijayalakshmi D. Duraiswamy (310) 662-9919

Address all correspondence to **Customer Number 020991 (Hughes Electronics Corporation, Patent Docket Administration, Bldg. 001, M/S A109, PO Box 956, El Segundo, California 90245-0956).**

I hereby declare that all statement made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR JOINT INVENTOR KAR W. YUNG	INVENTOR'S SIGNATURE 	DATE 3/6/01
RESIDENCE (CITY AND STATE) 4738 Narrot Street, Torrance, California 90503		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS 4738 Narrot Street, Torrance, California 90503		
FULL NAME OF SOLE OR JOINT INVENTOR FRANK A. HAGEN	INVENTOR'S SIGNATURE 	DATE 3/6/01
RESIDENCE (CITY AND STATE) 2309 Via Rivera, Palos Verdes Estates, California 90274		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS 2309 Via Rivera, Palos Verdes Estates, California 90274		
FULL NAME OF SOLE OR JOINT INVENTOR DONALD C. D. CHANG	INVENTOR'S SIGNATURE 	DATE 3/8/01
RESIDENCE (CITY AND STATE) 2350 Moberly Court, Thousand Oaks, California 91360		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS 2350 Moberly Court, Thousand Oaks, California 91360		

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